

a motor casing having first and second casing ends,
a rotor having a cylindrical laminated rotor core
including a plurality of laminations and a rotor shaft extending
through said rotor core, said rotor shaft rotatably supported by
said motor casing;

a laminated stator core including a plurality of
laminations and having a plurality of stator slots formed therein
and a plurality of windings disposed in said stator slots, said
stator core disposed around said rotor, said stator core having
first and second stator ends;

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cont.
a first oil spray nozzle retainer disposed proximate said
first stator end and a second oil spray nozzle retainer disposed
proximate said second stator end, each said first and second oil
spray nozzle retainers having a plurality of nozzles disposed
therein, said nozzles in flow communication with a supply of
cooling oil for spraying cooling oil onto said first and second
stator end; and

wherein said rotor core includes a plurality of rotor
slots having a cast conducting metal disposed therein, said rotor
further having a rotor slot electrical insulating coating deposited
onto a rotor slot surface of each said rotor slot, said electrical
insulating coating being disposed between said cast conducting
metal and said rotor slot surface prior to said cast conducting
metal being disposed in each said rotor slot during a die casting

B1
Cond.

process to protect the laminations of ~~said rotor~~ core from the
~~adverse effects of said die casting process.~~

Claim 10

Line 2, after "slot" insert --electrical insulating--

Claim 13

Line 2, before "conducting" insert --cast--

Claim 14

Line 2, before "conducting" insert --cast--

Claim 22

Line 1, after "slot" insert --electrical insulating--

Claim 23

Line 1, after "slot" insert --electrical insulating--

Claim 24

Line 1, after "slot" insert --electrical insulating--

Claim 26

Line 12, after "a" insert --cast--

Line 13, after "slot" insert --electrical insulating--

Line 17, before "conducting" insert --cast--

Claim 27

Line 1, after "slot" insert --electrical insulating--

Claim 28

Line 1, after "said" insert --cast--

Claim 30

Line 1, after "slot" insert --electrical insulating--

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Claim 31

Line 1, after "slot" insert --electrical insulating--

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Claim 32

Line 1, after "slot" insert --electrical insulating--

Claim 33

Line 1, change "34" to --32--

Claim 36

Line 2, after "slot" insert --electrical insulating--

Line 4, before "conducting" insert --cast-- after "slot"
insert --electrical insulating--

Claim 37 (Amended)

B2 The motor of claim ~~26~~ ²⁰ wherein said rotor slot electrical insulating coating and said stator slot electrical insulating coating are comprised of the same electrical insulating coating material.

Claim 38

Line 1, after "said" insert --electrical insulating--

Claim 40

Line 1, after "said" insert --electrical insulating--

Claim 41

Line 1, after "said" insert --electrical insulating--

Claim 42

Line 1, after "said" insert --electrical insulating--

REMARKS

Upon entry of the above amendment, claims 1, 10, 11, 13, 14 and 22 to 43 will be pending.

Claims 1 and 26 are independent claims from which the remaining claims depend either directly or through intervening claims.